

KLAUS ZUCHOLL et al.
U.S. Appl. S.N. 10/849,030

IN THE SPECIFICATION:

Please conform the Specification to U.S. patent practice by entering the following amendments.

1. On page 1, after the title of the invention, please add the following headings and information: --

CROSS REFERENCE TO RELATED APPLICATIONS

Not applicable.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not applicable.

INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON COMPACT DISC

Not applicable.

REFERENCE TO A "MICROFICHE APPENDIX"

Not applicable.

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BACKGROUND OF THE INVENTION

(1) Field Of The Invention -- .

2. On page 1, please amend the first unnumbered paragraph as follows: --

The invention ~~concerns~~ pertains to a household appliance according to the preamble of Claim 1 such as a dishwasher, washing machine, or similar apparatus with an addition unit for adding a cleansing agent to a cleaning liquid. More particularly the invention provides an addition unit connected to a pressure line of a rinsing pump for delivering wash liquid to the addition unit for cleaning out cleansing agent. --

3. On page 1, before paragraph [0001] please add the following heading: --

(2) Description Of Related Art Including Information Disclosed Under 37 CFR 1.97 and 1.98. --

4. On page 1-2, please amend paragraph [0003], as follows:

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[0003] Household dishwashers are normally equipped with dispensers to add cleansing agent during the washing process. In commercially available dishwashers, such dispensers have a cleansing agent chamber which is intended to hold a cleansing agent that is liquid or solid, for example in the form of a powder or tablet. This cleansing agent chamber is closed with a cover; a tripping device is provided to open the cover at the programmed point in time through a corresponding control module, for example a control coil. Meanwhile, the washing process is performed by so-called spraying arms, which are supplied by a circulation pump with wash liquid, as a rule water and/or washing solution, and are driven into rotational motion by the pump pressure. When this happens, the wash liquid comes out through the exit nozzles of the spraying arms, and it is sprayed onto the dirty dishes to clean them. --

5. On page 2, before paragraph [0007] please add the heading: --

BRIEF SUMMARY OF THE INVENTION --.

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6. On page 2, please amend paragraph [0007] as follows: --

[0007] Therefore, the task of the invention is to ~~propose~~ provide a household appliance, such as a dishwasher or a washing machine, which ensures reliable rinsing out of the cleansing agent chamber(s).

7. On page 2, please amend paragraph [0008] as follows: --

[0008] This task is solved, in a household appliance of the type mentioned at the beginning, by ~~the characterizing features of Claim 1~~ having an addition unit connected to a pressure line of a rinsing pump for delivering wash liquid to the addition unit for cleaning out the cleansing agent.

8. On page 3, please amend paragraph [0009] as follows: --

[0009] The ~~measures mentioned in the subordinate claims make possible advantageous~~ invention also provides additional embodiments and ~~further developments of the invention~~ advantages including the connecting of the suction line of a rinsing pump to

a liquid reservoir or with a collection basin for the cleaning liquid, utilizing a circulation pump as a rinsing pump, providing a delivery line that branches off from a liquid circuit for delivering a partial flow of cleaning liquid to the addition unit, adding an optional on-off valve connected to the liquid circuit, adding an option control unit to the addition unit to dispense a partial quantity of the cleansing agent, adding a time dependent switch to the optional on-off valve in the optional control unit, providing a flow meter to the optional on-off valve, adding a temperature sensor to a dispensing unit, adding an optional sensor for determining the concentration of the cleansing agent exiting the addition unit, connecting the optional sensor to determine the concentration of the cleansing agent, connecting the optional sensor to measure the cleansing agent concentration exiting the addition unit, connecting the optional sensor to measure the cleansing agent concentration in the household appliance, utilizing a conductance sensor as the optional sensor and utilizing the optional sensor to control the household appliance based on the cleansing agent concentration.

9. On page 7 before paragraph [0028] please add the heading: --

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S)

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10. On page 7 before paragraph [0030] please add the heading: --

DETAILED DESCRIPTION OF THE INVENTION INCLUDING BEST MODE

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11. On page 7 please amend paragraph [0030] as follows: --

[0030] The schematic diagram in Figure 1 shows the cleaning liquid circuit 1 for the cleaning process in a dishwasher. A circulation pump 2 supplies a spraying arm 4 through a line 3 that is connected to the pump's delivery side. Such spraying arms 4 are normally arranged on two or more levels in dishwashers, and are mounted there so that they can rotate. Floor 5 of the dishwasher forms the so-called sump, which is connected, through a line 6, with the suction side of circulation pump 2. The cleaning liquid is circulated through the circulation pump 5 2 until the desired cleaning program is completed. --

12. On page 7-8 please amend paragraph [0031] as follows: -

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[0031] ~~Here~~ In this embodiment of the invention the delivery-side line 3 has a bypass line 7 arranged on it, which is connected through an on-off valve 8 to an addition unit 9 to add

cleansing agent to the cleaning process. --

13. On page 11 please amend paragraph [0045] as follows: --

[0045] ~~As described above, it is also conceivable to take~~ Those
skilled in the art will recognize that other data or measured
variables can be taken into consideration, for example the nature
of the cleansing agent, the temperature of the liquid, that is
used for rinsing out the cleansing agent, the desired wash
program, the degree of soiling of the objects to be cleaned, the
pressure available to rinse out of the cleansing agent, etc. --

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14. On page 14 please change the underlined heading IN THE
CLAIMS: to read: - WHAT IS CLAIMED IS: --